DLV1420A

D/N ANPR Cameras

Installation and Operations Manual

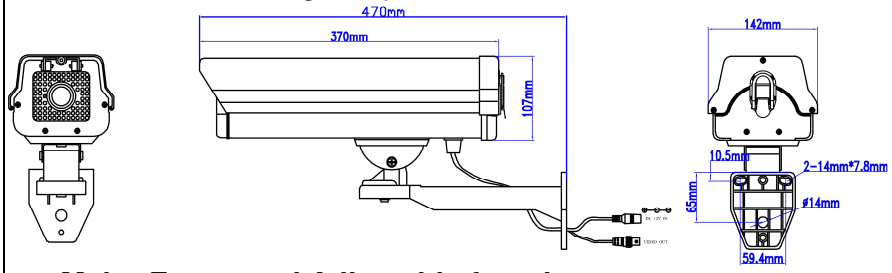
Model Number: DLV1420A, DLV1425A

Description: 1/3” 520TVL, 550TVL

Day/Night ANPR Cameras

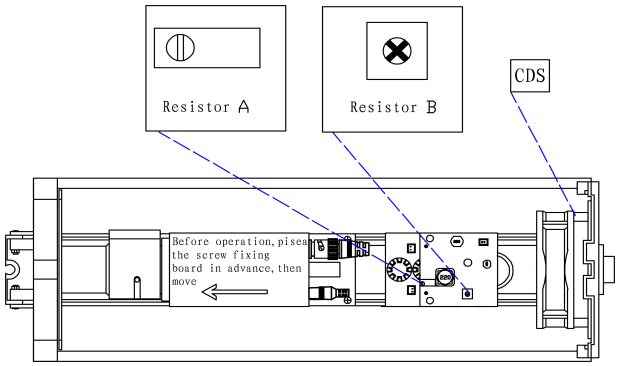
Number Plate Capture Camera

- **ITEM №: DLV1423AWA/WBN1**



- **Major Frame and Adjustable function**

1. Resistor A: If you want to change the intensity of the IR light, please open the back cover. There is a quadrate blue resistor on the Control Board. Adjust it in a clockwise way, the intensity of the IR light will be enhanced; adjust in an anticlockwise way, the intensity of the IR light will be weakened. Pease do not forget to lock the back cover after the adjustment.
2. Resistor B: If you want to change the opening time of IR Led, please open the back cover. There is a square blue resistor on the Control Board. Adjust it in a clockwise direction, the IR LED will start working on the more brighter situation; Adjust it in an anticlockwise way, the IR LED will start working on the more darker situation.
3. The CDS is under the housing, CDS, which control the IR LED on/off.



Specification

ITEM	DLV1423AWA/WBN1
Type	Color/Monochrome
Signal System	NTSC/PAL
Pick Up Device	1/3" Sony Color High Resolution CCD
Picture Elements	NTSC:811H×508V；PAL:795H×596V
Resolution	520 TVL
Min Illumination	0Lux (84Pieces IR LED ON)
Vertical Frequency	NTSC:60Hz;PAL:50Hz
Horizontal Frequency	NTSC:15.734KHz；PAL:15.625KHz
Clock Frequency	NTSC:28.636MHz；PAL:28.375MHz
Scanning System	2:1 Interlace
S/N Ratio	50dB
Electronic Shutter	Fixed
Lens	6-15mm Varifocal Auto Iris IR Lens
GAMMA	0.45
Video Out-put	1V p-p,75Ω
Power Supply	DC12V±10%
Current Consumption	1300mA (Max)
Recommend Working	1-11m
Dimension	370×142×107mm
Weight	1740g
Storage Temperature	-30～+60℃
Operating Temperature	-30～+40℃

Remark: Non-regulative adaptor may cause camera damaged.

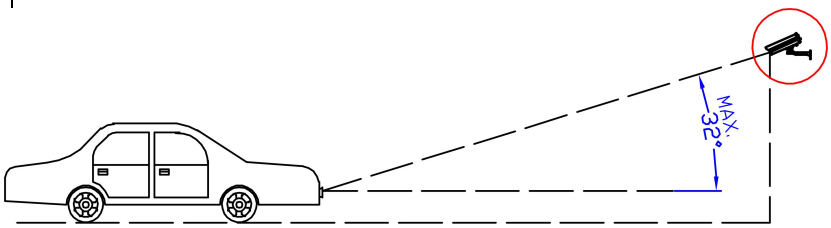
Packing

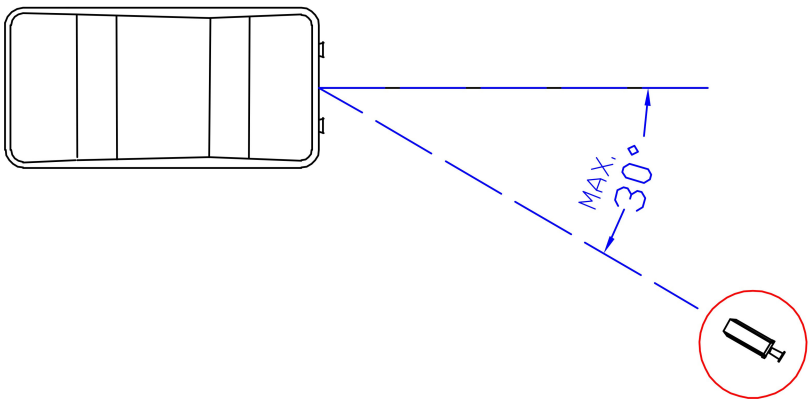
Camera	X1
User Manual	X1
Bracket	X1
Screw	X5
Plastic-Conical-Anchor	X3
Adaptor	X1

- **Caution for Installation**

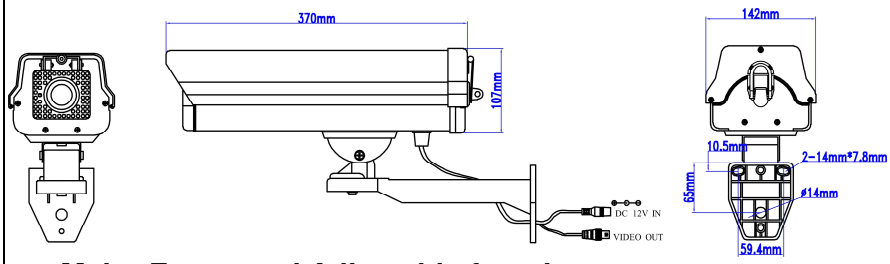
1. Please do not install the camera where the vibration always happens, or the camera will be damaged.
2. Please keep the glass in front of the camera clean. Do not touch it directly. You can use a soft cloth with alcohol to wipe if necessary.
3. The CDS is under the housing, please don't let it be covered by anything, and make sure all surrounding light can come in this hole.
4. The available IR range of this camera is shown in the specification. Please be sure to place the camera in the working distance when it works.
5. In order to prevent short circuit, please do not loosen any screws in the camera at random.
6. Please do not let the camera work in the conditions which is beyond the most extreme and demanding of operating conditions and climates shown in the specification. When any abnormalities happen, please turn off the camera and contact your local dealer or us right away.

Pay attention to the established angle, the installing pictures are for your reference.





- **ITEM №: DLV1426AWA/WBN1**



- **Major Frame and Adjustable function**

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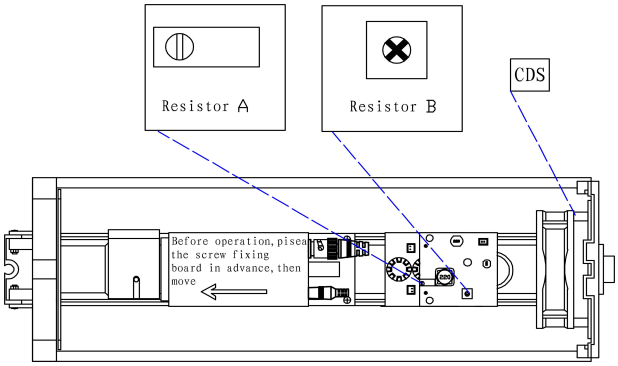


Specification

ITEM	DLV1426AWA/WBN1
Type	Color/Monochrome
Signal System	NTSC/PAL
Pick Up Device	1/3" Sony Color High Resolution CCD
Picture Elements	NTSC:811H×508V；PAL:795H×596V
Resolution	550 TVL
Min Illumination	0Lux (66Pieces IR LED ON)
Vertical Frequency	NTSC:60Hz;PAL:50Hz
Horizontal Frequency	NTSC:15.734KHz；PAL:15.625KHz
Clock Frequency	NTSC:28.636MHz；PAL:28.375MHz
Scanning System	2:1 Interlace
S/N Ratio	52dB
Electronic Shutter	Fixed
Lens	10-40mm Varifocal Auto Iris IR Lens
GAMMA	0.45
Video Out-put	1V p-p,75Ω
Power Supply	DC12V±10%
Current Consumption	1300mA (Max)
Recommend Working	10-30m
Dimension	370×142×107mm
Weight	1740g
Storage Temperature	-30～+60℃
Operating Temperature	-30～+40℃

Remark: Non-regulative adaptor may cause camera damaged.

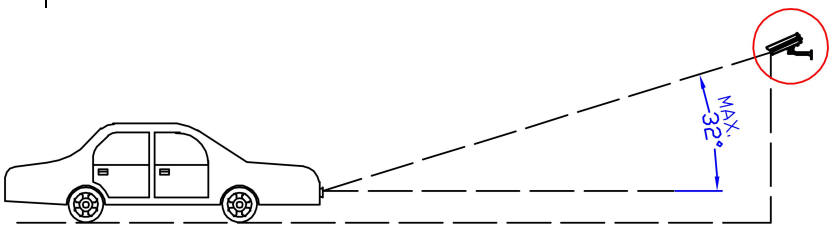
Packing

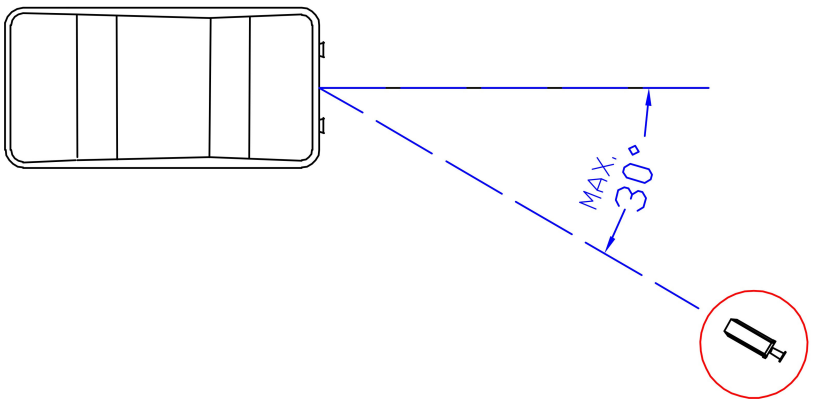
Camera	X1
User Manual	X1
Bracket	X1
Screw	X5
Plastic-Conical-Anchor	X3
Adaptor	X1

- **Caution for Installation**

1. Please do not install the camera where the vibration always happens, or the camera will be damaged.
7. Please keep the glass in front of the camera clean. Do not touch it directly. You can use a soft cloth with alcohol to wipe if necessary.
8. The CDS is under the housing, please don't let it be covered by anything, and make sure all surrounding light can come in this hole.
9. The available IR range of this camera is shown in the specification. Please be sure to place the camera in the working distance when it works.
10. In order to prevent short circuit, please do not loosen any screws in the camera at random.
11. Please do not let the camera work in the conditions which is beyond the most extreme and demanding of operating conditions and climates shown in the specification. When any abnormalities happen, please turn off the camera and contact your local dealer or us right away.

Pay attention to the established angle, the installing pictures are for your reference.

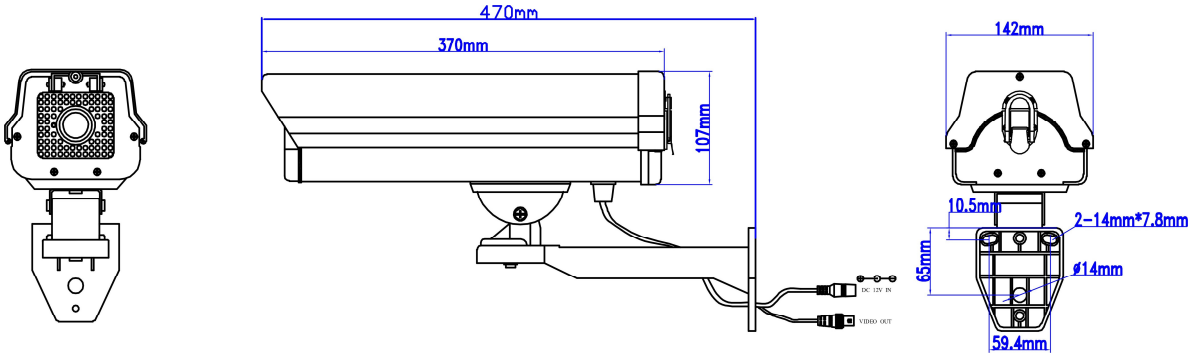




HOUSING

ITEM NO.: DLV1426AWA/WBQ1

OVERVIEW:



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FEATURES:

- 1/3" Sony Color/Monochrome CCD DSP
- With Auto IRIS Lens 6~15mm
- 0 Lux with 84 x IR LED's @ 55m
- Infrared LED's, switched on/off by CDS
- Auto Electronic Shutter (AES)
- Built-in heater & Fan
- Outdoor housing
- Back Light Control
- Power input DC12V(regulated)
- Heater sensor, operation temperature: ON: Under 1℃/ 33.8℉, OFF: Upper 25℃/ 77℉
- Blower sensor, operation temperature: ON: Under 40℃/ 104℉, OFF: Upper 30℃/ 86℉

INSTALLATION:

1. Install bracket on the wall where you want to install.
2. Fix housing on the bracket.
3. Check input power and install video signal output to monitor.
4. Please check video signal before install.

Caution for Installation

1. Be careful, never let any water in this equipment.
2. If necessary, use a soft cloth moistened with alcohol to wipe off the dust.
3. Be extra careful not to shake the unit.
4. Avoid places where temperatures exceed 50 °C.
5. Avoid places where there is frequent vibrations or shocks.
6. When any abnormalities occur, make sure to unplug the unit and contact your local dealer.
7. The camera are only operated with **regulated adaptor DC 12V**, non-regulative adaptor may cause camera damaged.

PACKING:

Camera…….. .X1
User Manual …….. X1
Bracket…… X1
Screw…….. X5
Plastic-Conical-Anchor……. X3
Adaptor…… X1

SPECIFICATION

ITEM	DLV1426AWA/WBQ1
Type	Color/Monochrome（Removable IR Cut Filter）
Pick Up Device	1/3” Sony Color High Resolution CCD Sensor
Picture Elements	NTSC:811Hx508V; PAL:795Hx596V
Horizontal Resolution	550TV Line
Mini Illumination	0 Lux (84pcs IR LED On)
Vertical Frequency	NTSC:60Hz PAL:50Hz
Scanning System	2:1 Interlace
S/N Ratio	52dB
Electronic Shutter	NTSC:1/60~1/100,000s; PAL:1/50~1/100,000s
White balance	Switchable
Back Light Compensation	Switchable
Auto Gain Control	Switchable
Lens	6~15mm Auto IRIS
Video Output	1Vp-p, 75 Ω
Gamma.	0.45
Waterproof	IP66
Dimensions	370X142X107mm
Weight	1740g
Power Supply	DC12V±10%
Power Consumption	1500mA(Max)
Storage Temperature	-30□~+60□
Operating Temperature	-30□~+40□